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**From:** Deener, Kathleen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B9A2FF1C086249EA8F6414AFDE8A5E54-DEENER, KATHLEEN]  
**Sent:** 8/9/2016 3:51:13 PM  
**To:** Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]  
**Subject:** RE: potential case study - innovations in risk assessment

Thanks Vince! Helpful comments and additions.

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**From:** Cogliano, Vincent  
**Sent:** Tuesday, August 09, 2016 9:21 AM  
**To:** Deener, Kathleen <[Deener.Kathleen@epa.gov](mailto:Deener.Kathleen@epa.gov)>; Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Flowers, Lynn <[Flowers.Lynn@epa.gov](mailto:Flowers.Lynn@epa.gov)>; Thomas, Russell <[Thomas.Russell@epa.gov](mailto:Thomas.Russell@epa.gov)>; Burke, Thomas <[Burke.Thomas@epa.gov](mailto:Burke.Thomas@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Slimak, Michael <[Slimak.Michael@epa.gov](mailto:Slimak.Michael@epa.gov)>; Kavlock, Robert <[Kavlock.Robert@epa.gov](mailto:Kavlock.Robert@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>  
**Subject:** RE: potential case study - innovations in risk assessment

Hello everyone—Here are some comments on the framework. Sorry that I couldn't get to it until yesterday evening. There are two case studies I'd like to do, but they'll probably have to wait until the next round ... See you all Wednesday, Vince

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**From:** Deener, Kathleen  
**Sent:** Tuesday, August 09, 2016 9:02 AM  
**To:** Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Flowers, Lynn <[Flowers.Lynn@epa.gov](mailto:Flowers.Lynn@epa.gov)>; Thomas, Russell <[Thomas.Russell@epa.gov](mailto:Thomas.Russell@epa.gov)>; Burke, Thomas <[Burke.Thomas@epa.gov](mailto:Burke.Thomas@epa.gov)>; Cogliano, Vincent <[cogliano.vincent@epa.gov](mailto:cogliano.vincent@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Slimak, Michael <[Slimak.Michael@epa.gov](mailto:Slimak.Michael@epa.gov)>; Kavlock, Robert <[Kavlock.Robert@epa.gov](mailto:Kavlock.Robert@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>  
**Subject:** RE: potential case study - innovations in risk assessment

Thanks all! I have updated the table and figure, and I am compiling the case studies. I will circulate materials later today.

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**From:** Bahadori, Tina  
**Sent:** Tuesday, August 09, 2016 6:52 AM  
**To:** Ross, Mary <[Ross.Mary@epa.gov](mailto:Ross.Mary@epa.gov)>; Flowers, Lynn <[Flowers.Lynn@epa.gov](mailto:Flowers.Lynn@epa.gov)>; Thomas, Russell <[Thomas.Russell@epa.gov](mailto:Thomas.Russell@epa.gov)>; Deener, Kathleen <[Deener.Kathleen@epa.gov](mailto:Deener.Kathleen@epa.gov)>; Burke, Thomas <[Burke.Thomas@epa.gov](mailto:Burke.Thomas@epa.gov)>; Cogliano, Vincent <[cogliano.vincent@epa.gov](mailto:cogliano.vincent@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Slimak, Michael <[Slimak.Michael@epa.gov](mailto:Slimak.Michael@epa.gov)>; Kavlock, Robert <[Kavlock.Robert@epa.gov](mailto:Kavlock.Robert@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>  
**Subject:** RE: potential case study - innovations in risk assessment

Hi Everyone,

The case studies actually helped me. If I understood correctly,

# Deliberative Process / Ex. 5

I added to Rusty/Lynn comments to the table – mostly questions (attached).

I also drafted the EDSP case study using Mary's outline format, just as another point of comparison (below).

Tina

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

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**From:** Ross, Mary

**Sent:** Monday, August 08, 2016 10:43 PM

**To:** Flowers, Lynn <[Flowers.Lynn@epa.gov](mailto:Flowers.Lynn@epa.gov)>; Thomas, Russell <[Thomas.Russell@epa.gov](mailto:Thomas.Russell@epa.gov)>; Deener, Kathleen <[Deener.Kathleen@epa.gov](mailto:Deener.Kathleen@epa.gov)>; Burke, Thomas <[Burke.Thomas@epa.gov](mailto:Burke.Thomas@epa.gov)>; Cogliano, Vincent <[cogliano.vincent@epa.gov](mailto:cogliano.vincent@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Slimak, Michael <[Slimak.Michael@epa.gov](mailto:Slimak.Michael@epa.gov)>; Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Kavlock, Robert <[Kavlock.Robert@epa.gov](mailto:Kavlock.Robert@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>

**Subject:** RE: potential case study - innovations in risk assessment

Oops! **Deliberative Process / Ex. 5** I've added a couple of sentences to the issue/decision section.

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**From:** Ross, Mary

**Sent:** Monday, August 08, 2016 10:34 PM

**To:** Flowers, Lynn <[Flowers.Lynn@epa.gov](mailto:Flowers.Lynn@epa.gov)>; Thomas, Russell <[Thomas.Russell@epa.gov](mailto:Thomas.Russell@epa.gov)>; Deener, Kathleen <[Deener.Kathleen@epa.gov](mailto:Deener.Kathleen@epa.gov)>; Burke, Thomas <[Burke.Thomas@epa.gov](mailto:Burke.Thomas@epa.gov)>; Cogliano, Vincent <[cogliano.vincent@epa.gov](mailto:cogliano.vincent@epa.gov)>; Vandenberg, John <[Vandenberg.John@epa.gov](mailto:Vandenberg.John@epa.gov)>; Slimak, Michael <[Slimak.Michael@epa.gov](mailto:Slimak.Michael@epa.gov)>; Bahadori, Tina <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>; Kavlock, Robert <[Kavlock.Robert@epa.gov](mailto:Kavlock.Robert@epa.gov)>; Gwinn, Maureen <[gwinn.maureen@epa.gov](mailto:gwinn.maureen@epa.gov)>

**Subject:** potential case study - innovations in risk assessment

Hi everyone. I saw the comments from Rusty and Lynn on the table and I agree it's looking good – haven't had time to look more carefully though and will follow up tomorrow.

# Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**